



#5
J. Douglas
2/1/04

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

EFS ID: 54223

Application ID: 09669069



Title of Invention: TECHNIQUES FOR IMPROVING
AUDIO CLARITY AND
INTELLIGIBILITY AT REDUCED BIT
RATES OVER A DIGITAL

RECEIVED

JAN 28 2004

First Named Inventor: LEIF CLAESSEN

Technology Center 2600

Domestic/Foreign Application: Domestic Application

Filing Date: 2000-09-22

Effective Receipt Date: 2004-01-23

Submission Type: Information Disclosure
Statement

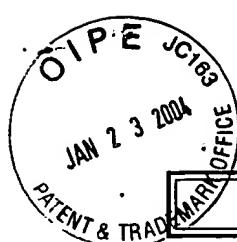
Filing Type:

Confirmation number: 2895

Attorney Docket Number: OCTVP006

Total Fees Authorized:

Digital Certificate Holder: cn=Joseph Michael Villeneuve,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 1634bcc385bc5f68da89e4632278e763641ca39f



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	TECHNIQUES FOR IMPROVING AUDIO CLARITY AND INTELLIGIBILITY AT REDUCED BIT RATES OVER A DIGITAL NETWORK	
Application Number:	09/669069 	
Date:	2000-09-22	
First Named Applicant:	Mr. LEIF CLAESSEN	
Confirmation Number:	2895	
Attorney Docket Number:	OCTVP006	
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Mr. JOSEPH M. VILLENEUVE Registered Number: 37,460	JOSEPH M. VILLENEUVE	Attorney
Documents being submitted us-ids	Files OCTVP006-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	TECHNIQUES FOR IMPROVING AUDIO CLARITY AND INTELLIGIBILITY AT REDUCED BIT RATES OVER A DIGITAL NETWORK						
Application Number:	09/669069 						
Confirmation Number:	2895						
First Named Applicant:	LEIF CLAESSEN						
Attorney Docket Number:	OCTVP006						
Art Unit:	2631						
Search string:	(4891839 or 4901307 or 5321514 or 6118878 or 6418303 or 6038435 or 5771301).pn.						
RECEIVED JAN 28 2004 Technology Center 2600							
<u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified: That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4891839	1990-01-02	Scheiber	381	22	
	2	4901307	1990-02-13	Gilhousen et al.	370	18	
	3	5321514	1994-06-14	Martinez	348	723	
	4	6118878	2000-09-12	Jones	381	72	
	5	6418303	2002-07-09	Blackburn et al.	455	234.2	
	6	6038435	2000-03-14	Zhang	455	234.1	
	7	5771301	1998-06-23	Fuller et al.	381	107	

Signature

Examiner Name	Date